

on Science of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate.

**(b) Notice of reorganization**

**(1) Requirement**

The Secretary shall provide notice to the Committees on Science and Appropriations of the House of Representatives, and the Committees on Commerce, Science, and Transportation and Appropriations of the Senate, not later than 15 days before any major reorganization of any program, project, or activity of the Institute.

**(2) “Major reorganization” defined**

For purposes of this subsection, the term “major reorganization” means any reorganization of the Institute that involves the reassignment of more than 25 percent of the employees of the Institute.

(Mar. 3, 1901, ch. 872, §31, as added Pub. L. 105-309, §4(b), Oct. 30, 1998, 112 Stat. 2935.)

CHANGE OF NAME

Committee on Science of House of Representatives changed to Committee on Science and Technology of House of Representatives by House Resolution No. 6, One Hundred Tenth Congress, Jan. 5, 2007. Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

**§ 278q. Appropriations; availability**

Appropriations to carry out the provisions of this chapter may remain available for obligation and expenditure for such period or periods as may be specified in the Acts making such appropriations.

(Mar. 3, 1901, ch. 872, §32, formerly §18, as added Pub. L. 92-317, §3(a), June 22, 1972, 86 Stat. 235; amended Pub. L. 95-322, §2(b), July 21, 1978, 92 Stat. 395; Pub. L. 96-461, §10, Oct. 15, 1980, 94 Stat. 2052; renumbered §19, Pub. L. 99-574, §6(a), Oct. 28, 1986, 100 Stat. 3237; renumbered §20, Pub. L. 99-574, §8(a), Oct. 28, 1986, 100 Stat. 3238; renumbered §22, Pub. L. 100-235, §3(2), Jan. 8, 1988, 101 Stat. 1724; renumbered §32, Pub. L. 107-305, §8(a)(1), Nov. 27, 2002, 116 Stat. 2375.)

CODIFICATION

Section was formerly classified to section 278h of this title prior to renumbering by Pub. L. 107-305.

Another section 32 of act Mar. 3, 1901, ch. 872, was renumbered section 34 and is set out as a Short Title note under section 271 of this title.

AMENDMENTS

1980—Pub. L. 96-461 substituted “Appropriations” for “(a) Appropriations” and struck out subsec. (b) which authorized appropriations to carry out provisions of this chapter, including the Working Capital Fund referred to in section 278b(a) of this title, but excluding section 278f of this title, of such sums as may be necessary for each of the fiscal years 1979 and 1980.

1978—Pub. L. 95-322 designated existing provisions as subsec. (a) and added subsec. (b).

**§ 278r. Collaborative manufacturing research pilot grants**

**(a) Authority**

**(1) Establishment**

The Director shall establish a pilot program of awards to partnerships among participants described in paragraph (2) for the purposes described in paragraph (3). Awards shall be made on a peer-reviewed, competitive basis.

**(2) Participants**

Such partnerships shall include at least—

- (A) 1 manufacturing industry partner; and
- (B) 1 nonindustry partner.

**(3) Purpose**

The purpose of the program under this section is to foster cost-shared collaborations among firms, educational institutions, research institutions, State agencies, and non-profit organizations to encourage the development of innovative, multidisciplinary manufacturing technologies. Partnerships receiving awards under this section shall conduct applied research to develop new manufacturing processes, techniques, or materials that would contribute to improved performance, productivity, and competitiveness of United States manufacturing, and build lasting alliances among collaborators.

**(b) Program contribution**

Awards under this section shall provide for not more than one-third of the costs of a partnership. Not more than an additional one-third of such costs may be obtained directly or indirectly from other Federal sources.

**(c) Applications**

Applications for awards under this section shall be submitted in such manner, at such time, and containing such information as the Director shall require. Such applications shall describe at a minimum—

- (1) how each partner will participate in developing and carrying out the research agenda of the partnership;
- (2) the research that the grant would fund; and
- (3) how the research to be funded with the award would contribute to improved performance, productivity, and competitiveness of the United States manufacturing industry.

**(d) Selection criteria**

In selecting applications for awards under this section, the Director shall consider at a minimum—

- (1) the degree to which projects will have a broad impact on manufacturing;
- (2) the novelty and scientific and technical merit of the proposed projects; and
- (3) the demonstrated capabilities of the applicants to successfully carry out the proposed research.

**(e) Distribution**

In selecting applications under this section the Director shall ensure, to the extent practicable, a distribution of overall awards among a variety of manufacturing industry sectors and a range of firm sizes.

**(f) Duration**

In carrying out this section, the Director shall run a single pilot competition to solicit and make awards. Each award shall be for a 3-year period.

(Mar. 3, 1901, ch. 872, §33, as added Pub. L. 110-69, title III, §3007(2), Aug. 9, 2007, 121 Stat. 591.)

**§ 279. Absence of Director**

In the case of the absence of the Director of the National Institute of Standards and Technology the Secretary of Commerce may designate some officer of said Institute to perform the duties of the director during his absence.

(Mar. 4, 1911, ch. 237, §1, 36 Stat. 1231; Mar. 4, 1913, ch. 141, §1, 37 Stat. 736; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

## CODIFICATION

Section was not enacted as part of the National Institute of Standards and Technology Act which comprises this chapter.

## AMENDMENTS

1988—Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “Bureau of Standards” and “Institute” for “bureau”.

## CHANGE OF NAME

Act Mar. 4, 1913, substituted “Secretary of Commerce” for “Secretary of Commerce and Labor”.

 **§§ 280, 281. Repealed. Pub. L. 100-418, title V, § 5113, Aug. 23, 1988, 102 Stat. 1432**

Section 280, acts July 16, 1914, ch. 141, §1, 38 Stat. 502; 1978 Reorg. Plan No. 2, §102, 43 F.R. 36037, 92 Stat. 3783, related to promotion of apprentices in National Bureau of Standards.

Section 281, acts Mar. 4, 1913, ch. 150, §1, 37 Stat. 945; 1967 Reorg. Plan No. 3, §401, eff. Aug. 11, 1967, 32 F.R. 11669, 81 Stat. 948; Dec. 24, 1973, Pub. L. 93-198, title IV, §421, title VII, §711, 87 Stat. 789, 818, related to testing of building and other structural materials for District of Columbia.

**§ 281a. Structural failures**

The National Institute of Standards and Technology, on its own initiative but only after consultation with local authorities, may initiate and conduct investigations to determine the causes of structural failures in structures which are used or occupied by the general public. No part of any report resulting from such investigation, or from an investigation under the National Construction Safety Team Act [15 U.S.C. 7301 et seq.], shall be admitted as evidence or used in any suit or action for damages arising out of any matter mentioned in such report.

(Pub. L. 99-73, §7, July 29, 1985, 99 Stat. 173; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433; Pub. L. 107-231, §13, Oct. 1, 2002, 116 Stat. 1476.)

## REFERENCES IN TEXT

The National Construction Safety Team Act, referred to in text, is Pub. L. 107-231, Oct. 1, 2002, 116 Stat. 1471, as amended, which is classified generally to chapter 99 [§7301 et seq.] of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7301 of this title and Tables.

## CODIFICATION

Section was not enacted as part of the National Institute of Standards and Technology Act which comprises this chapter.

## AMENDMENTS

2002—Pub. L. 107-231 inserted “, or from an investigation under the National Construction Safety Team Act,” after “from such investigation”.

1988—Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

**§ 282. Repealed. Pub. L. 100-418, title V, § 5113, Aug. 23, 1988, 102 Stat. 1432**

Section, act May 14, 1930, ch. 275, §1, 46 Stat. 327, related to establishment and purpose of a national hydraulic laboratory and studies of Federal and State projects related thereto.

**§ 282a. Assessment of emerging technologies requiring research in metrology**

The Board of Assessment of the National Institute of Standards and Technology shall include, as part of its annual review, an assessment of emerging technologies which are expected to require research in metrology to keep the Institute abreast of its mission, including process and quality control, engineering databases, advanced materials, electronics and fiber optics, bioprocess engineering, and advanced computing concepts. Such review shall include estimates of the cost of the required effort, required staffing levels, appropriate interaction with industry, including technology transfer, and the period over which the research will be required.

(Pub. L. 100-418, title V, §5163(a), Aug. 23, 1988, 102 Stat. 1450.)

## CODIFICATION

Section is comprised of section 5163(a) of Pub. L. 100-418. Section 5163(b)-(d) of Pub. L. 100-418 enacted provisions set out as a note under section 272 of this title, amended section 3710 of this title, and enacted section 1533 of this title, respectively.

Section was not enacted as part of the National Institute of Standards and Technology Act which comprises this chapter.

## PRIOR PROVISIONS

A prior section 282a, Pub. L. 99-574, §7, Oct. 28, 1986, 100 Stat. 3237, consisted of provisions substantially identical to this section.

**§ 283. Repealed. Pub. L. 89-554, § 8(a), Sept. 6, 1966, 80 Stat. 655, 656**

Section, acts July 20, 1949, ch. 354, title III, §301, 63 Stat. 468; Sept. 6, 1950, ch. 896, ch. III, title III, §301, 64 Stat. 628, related to appointment of personnel observing radio propagation phenomena in Arctic Region.

**§ 284. Omitted**

## CODIFICATION

Section, acts Oct. 22, 1951, ch. 533, title III, §301, 65 Stat. 593; Sept. 6, 1950, ch. 896, ch. III, title III, §301, 64 Stat. 628; July 20, 1949, ch. 354, title III, §301, 63 Stat. 468, which related to transfer of materials, etc., to Bureau of ionosphere observation by Departments of the Army, Navy, and Air Force, was from the Department of Commerce Appropriation Act, 1952, and has not been repeated in subsequent appropriation acts.